CLAIMS

What is claimed is:

1.   A method for assembling timing data in a multi-layer server
environment, comprising:

generating an HTML based request;

depositing a time of generation of the HTML based request in one or
more hidden data fields associated with the HTML based request;

forwarding the HTML based request to one or more servers that
deposit an arrival time in the one or more hidden data fields associated with
the HTML based request;

generating an HTML based response;

transferring the arrival times provided by the one or more servers to
one or more hidden data fields associated with the HTML based response;

forwarding the HTML based response to one or more servers that
deposit a departure time in the one or more hidden data fields associated
with the HTML based response.

2.   The method of claim 1, further comprising displaying the one or more
hidden data fields to a user.

3.   The method of claim 1, further comprising storing the arrival times
and the departure times in the hidden data fields in the HTML based
response in a database.

4.   The method of claim 3, further comprising performing analysis on the
arrival times and the departure times in the database.

5.   The method of claim 1, wherein at least one of the arrival time and
the departure time is based on a local time associated with the one or
more servers.

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1   6.   The method of claim 5, wherein the local time of at least one of the
2   one or more servers is synchronized with at least one other of the one
3   or more servers.

1   7.   A method for assembling timing data in a multi-layer server
2   environment, comprising:
3   receiving an HTML based request including one or more hidden data
4   fields;
5   depositing an arrival time in the one or more hidden data fields;
6   receiving an HTML based response including one or more hidden data
7   fields: and
8   depositing a departure time in the one or more hidden data fields.
9

1   8.   The method of claim 7, further comprising generating an HTML based
2   response to the HTML based request including one or more hidden
3   data fields.

1   9.   The method of claim 8, further comprising transferring the arrival
2   time in the one or more hidden data fields in the HTML based request
3   to the one or more hidden data fields in the HTML based response.

1   10.   The method of claim 7, further comprising storing the arrival time of
2   the HTML based request in a database.

1   11.   The method of claim 10, further comprising storing the departure
2   time of the HTML based response in a database.

1   12.   The method of claim 7, further comprising storing data in the one or
2   more hidden data fields of at least one of the HTML based request and

| | | the HTML based response in addition to the arrival time and |
|3| | departure time. |

1	13.	A system for assembling timing data in a multi-layer server
2		environment, comprising:
3		a browser for generating an HTML based request including one or
4		more hidden data fields and for displaying an HTML based response
5		including one or more hidden data fields;
6		at least one first server for receiving the HTML based request,
7		depositing an arrival time of the HTML based request into the one or more
8		hidden data fields, and depositing a departure time of the HTML based
9		response into the one or more hidden data fields of the HTML based
10		response;
11		at least one second server for generating the HTML based response,
12		transferring the arrival time of the HTML based request into the one or more
13		hidden data fields of the HTML based response, and depositing the
14		departure time of the HTML based response into the one or more hidden
15		data fields of the HTML based response.

|1| 14. | The system of claim 13, further comprising a database for storing the |
|2| | arrival times of the HTML based request. |

|1| 15. | The system of claim 13, further comprising a database for storing the |
|2| | departure times of the HTML based response. |

|1| 16. | The system of claim 13, further comprising an internal clock |
|2| | associated with the at least one first server for keeping local time. |

|1| 17. | The system of claim 13, further comprising an internal clock |
|2| | associated with the at least one second server for keeping local time. |

1   18. The system of claim 13, wherein the at least one first server is a web

2   server.

1   19. The system of claim 13, wherein the at least one second server is an

2   application server.

1   20. A system for assembling timing data in a multi-layer server

2   environment, comprising:

3   a browser for generating an HTML based request including one or

4   more hidden data fields and for displaying an HTML based response

5   including one or more hidden data fields;

6   an arrival time generator for depositing an arrival time in the one or

7   more hidden data fields of the HTML based request;

8   a processing module for generating the HTML based response; and

9   a departure time generator for depositing a departure time in the one

10   or more hidden data fields of the HTML based response.

11

1   21. A method for assembling metric data related to a multi-layer server

2   environment, comprising:

3   receiving an HTML based request including one or more hidden data

4   fields;

5   depositing metric data in the one or more hidden data fields of the

6   HTML based request;

7   receiving an HTML based response including one or more hidden data

8   fields; and

9   depositing metric data in the one or more hidden data fields of the

10   HTML based response.

11

1   22.   A computer-readable medium comprising instructions for assembling
2   timing data in a multi-layer server environment by performing the
3   steps of:
4   generating an HTML based request;
5   depositing a time of generation of the HTML based request in one or
6   more hidden data fields associated with the HTML based request;
7   forwarding the HTML based request to one or more servers that
8   deposit an arrival time in the one or more hidden data;
9   generating an HTML based response;
10   transferring the arrival times provided by the one or more servers to
11   one or more hidden data fields associated with the HTML based response;
12   forwarding the HTML based response to one or more servers that
13   deposit a departure time in the one or more hidden data fields associated
14   with the HTML based response.

1   23.   An apparatus for assembling timing data in a multi-layer server
2   environment, comprising:
3   means for generating an HTML based request;
4   means for depositing a time of generation of the HTML based request
5   in one or more hidden data fields associated with the HTML based request;
6   means for forwarding the HTML based request to one or more servers
7   that deposit an arrival time in the one or more hidden data;
8   means for generating an HTML based response;
9   means for transferring the arrival times provided by the one or more
10   servers to one or more hidden data fields associated with the HTML based
11   response;
12   means for forwarding the HTML based response to one or more
13   servers that deposit a departure time in the one or more hidden data fields
14   associated with the HTML based response.

1　24.　A method for assembling timing data in a multi-layer server
2　　　environment, comprising:
3　　　generating a request;
4　　　depositing a time of generation of the generated request in one or
5　more hidden data fields associated with the generated request;
6　　　forwarding the generated request to one or more servers that deposit
7　an arrival time in the one or more hidden data fields associated with the
8　generated request;
9　　　generating a response;
10　　　transferring the arrival times provided by the one or more servers to
11　one or more hidden data fields associated with the generated response;
12　　　forwarding the generated response to one or more servers that deposit
13　a departure time in the one or more hidden data fields associated with the
14　generated response.

1　25.　The method of claim 24, further comprising displaying the one or
2　　　more hidden data fields to a user.

1　26.　The method of claim 24, further comprising storing the arrival times
2　　　and the departure times in the hidden data fields in the generated
3　　　response in a database.

1　27.　The method of claim 26, further comprising performing analysis on
2　　　the arrival times and the departure times in the database.

1　28.　The method of claim 24, wherein at least one of the arrival time and
2　　　the departure time is based on a local time associated with the one or
3　　　more servers.

29. The method of claim 28, wherein the local time of at least one of the one or more servers is synchronized with at least one other of the one or more servers.

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